

1

SEQUENCE LISTING

<110> University of Medicine and Dentistry of New Jersey
Alland, David
Hazbon, Manzour H.

<120> Method for Single Nucleotide Polymorphism Detection

<130> UMD-0019

<150> US 60/437,165

<151> 2002-12-27

<160> 124

<170> PatentIn version 3.1

<210> 1

<211> 19

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 1

. catacgtcct cgatgccgc

19

<210> 2

<211> 19

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 2

catacgtcct cgatgccgg

19

<210> 3

<211> 19

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 3

catacgacct cgatgccgc

19

<210> 4

<211> 19

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 4
catacgacct cgatgccgg 19

<210> 5
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 5
cgtcctcggt ccgtgg 16

<210> 6
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 6
cgtcctcggt ccgtgt 16

<210> 7
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 7
cgtcgctcggt ccgtgg 16

<210> 8
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 8
cgtcgctcggt ccgtgt 16

<210> 9
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 9

cgattcctgg gtgccg

16

<210> 10
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 10
cgattcctgg gtgcca

16

<210> 11
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 11
cgattgctgg gtgccg

16

<210> 12
<211> 16
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 12
cgattgctgg gtgcca

16

<210> 13
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 13
atcatctccg actcgtcgat

20

<210> 14
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 14
atcatctccg actcgtcgac

20

<210> 15
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 15
aatcatcacc gactcgtcga t 21

<210> 16
<211> 21
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 16
aatcatcacc gactcgtcga c 21

<210> 17
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 17
ggcaagaacc caatcga 17

<210> 18
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 18
ggcaagaacc caatcgc 17

<210> 19
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 19
ggcatgaacc caatcga 17

<210> 20
<211> 17
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 20
ggcatgaacc caatcgc

17

<210> 21
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 21
gccgtcctcg aactcgtc

18

<210> 22
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 22
gccgtcctcg aactcgtg

18

<210> 23
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 23
gccgtcctcg aactcgtc

18

<210> 24
<211> 18
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 24
gccgtcctcg aactcgtg

18

6

<210> 25
<211> 14
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 25
ggctccgtcc ggcg

14

<210> 26
<211> 14
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 26
ggctccgtcc ggca

14

<210> 27
<211> 14
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 27
ggcaccgtcc ggcg

14

<210> 28
<211> 14
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 28
ggcaccgtcc ggca

14

<210> 29
<211> 5
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 29
gcggc

5

<210> 30

<211> 5
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 30
ccggc

5

<210> 31
<211> 5
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 31
gcggc

5

<210> 32
<211> 5
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 32
ccggc

5

<210> 33
<211> 6
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 33
ccacgg

6

<210> 34
<211> 6
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 34
acacgg

6

<210> 35
<211> 6

<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 35
ccacgg

6

<210> 36
<211> 6
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 36
acacgg

6

<210> 37
<211> 5
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 37
cggca

5

<210> 38
<211> 5
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 38
tggca

5

<210> 39
<211> 5
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 39
cggca

5

<210> 40
<211> 5
<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 40

tggca

5

<210> 41

<211> 7

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 41

atcgacg

7

<210> 42

<211> 7

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 42

gtcgacg

7

<210> 43

<211> 7

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 43

atcgacg

7

<210> 44

<211> 7

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 44

gtcgacg

7

<210> 45

<211> 9

<212> DNA

<213> Artificial sequence

<220>
<223> Synthetic

<400> 45
tcgattgga

9

<210> 46
<211> 9
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 46
gcgattgga

9

<210> 47
<211> 9
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 47
tcgattgga

9

<210> 48
<211> 9
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 48
gcgattgga

9

<210> 49
<211> 7
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 49
gacgagt

7

<210> 50
<211> 7
<212> DNA
<213> Artificial sequence

11

<220>
<223> Synthetic

<400> 50
cacgagt

7

<210> 51
<211> 7
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 51
gacgagt

7

<210> 52
<211> 7
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 52
cacgagt

7

<210> 53
<211> 6
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 53
cgccga

6

<210> 54
<211> 6
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 54
tgccga

6

<210> 55
<211> 6
<212> DNA
<213> Artificial sequence

<220>

<223> Synthetic

<400> 55

cgccga

6

<210> 56

<211> 6

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 56

tgccga

6

<210> 57

<211> 5

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 57

cgccc

5

<210> 58

<211> 5

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 58

cgccc

5

<210> 59

<211> 5

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 59

cgccc

5

<210> 60

<211> 5

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 60
cgccc 5

<210> 61
<211> 6
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 61
gctcgc 6

<210> 62
<211> 6
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 62
tctcgc 6

<210> 63
<211> 6
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 63
gctcgc 6

<210> 64
<211> 6
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 64
tctcgc 6

<210> 65
<211> 5
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 65
gcgga 5

<210> 66
<211> 5
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 66
acgga 5

<210> 67
<211> 5
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 67
gcgga 5

<210> 68
<211> 5
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 68
acgga 5

<210> 69
<211> 7
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 69
atgcacc 7

<210> 70
<211> 7
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 70

ctgcacc

7

<210> 71

<211> 7

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 71

atgcacc

7

<210> 72

<211> 7

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 72

ctgcacc

7

<210> 73

<211> 9

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 73

tggaatgca

9

<210> 74

<211> 9

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 74

cggaatgca

9

<210> 75

<211> 9

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 75

tggaatgca

9

<210> 76
<211> 9
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 76
cggaatgca

9

<210> 77
<211> 7
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 77
caccaga

7

<210> 78
<211> 7
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 78
gaccaga

7

<210> 79
<211> 7
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 79
caccaga

7

<210> 80
<211> 7
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 80
gaccaga

7

<210> 81
<211> 6
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 81
ggcgca

6

<210> 82
<211> 6
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 82
agcgca

6

<210> 83
<211> 6
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 83
ggcgca

6

<210> 84
<211> 6
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 84
agcgca

6

<210> 85
<211> 10
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 85
atatacgccc

10

18

<210> 86
<211> 10
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 86
atatacgccc

10

<210> 87
<211> 10
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 87
atatacgccc

10

<210> 88
<211> 10
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 88
atatacgccc

10

<210> 89
<211> 12
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 89
gatcgcgctc gc

12

<210> 90
<211> 12
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 90
gatcgctctc gc

12

<210> 91

19

<211> 12
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 91
gatcgcgctc gc 12

<210> 92
<211> 12
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 92
gatcgctctc gc 12

<210> 93
<211> 10
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 93
gcggagcggga 10

<210> 94
<211> 10
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 94
gcggaacggga 10

<210> 95
<211> 10
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 95
gcggagcggga 10

<210> 96
<211> 10

20

<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 96
gcggaacgga

10

<210> 97
<211> 15
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 97
acgagcaaat gcacc

15

<210> 98
<211> 15
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 98
acgagcaact gcacc

15

<210> 99
<211> 15
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 99
acgagcaaat gcacc

15

<210> 100
<211> 15
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 100
acgagcaact gcacc

15

<210> 101
<211> 17
<212> DNA

21

<213> Artificial sequence

<220>

<223> Synthetic

<400> 101

gaggcaagtg gaatgca

17

<210> 102

<211> 17

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 102

gaggcaagcg gaatgca

17

<210> 103

<211> 17

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 103

gaggcaagtg gaatgca

17

<210> 104

<211> 17

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 104

gaggcaagcg gaatgca

17

<210> 105

<211> 14

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 105

tgcattgtcac caga

14

<210> 106

<211> 14

<212> DNA

<213> Artificial sequence

<220>
<223> Synthetic

<400> 106
tgcatgtgac caga 14

<210> 107
<211> 14
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 107
tgcatgtcac caga 14

<210> 108
<211> 14
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 108
tgcatgtgac caga 14

<210> 109
<211> 12
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 109
tacgagggcg ca 12

<210> 110
<211> 12
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 110
tacgagagcg ca 12

<210> 111
<211> 12
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 111
tacgagggcg ca 12

<210> 112
<211> 12
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 112
tacgagagcg ca 12

<210> 113
<211> 19
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 113
ccggttaagga cgcgatcac 19

<210> 114
<211> 15
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 114
aggcggatgc gacca 15

<210> 115
<211> 20
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 115
aaaggcgtcc gaggtgatac 20

<210> 116
<211> 19
<212> DNA
<213> Artificial sequence

<220>

24

<223> Synthetic

<400> 116

gctacccgtg cgatgtgaa

19

<210> 117

<211> 17

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 117

cgggcaacaa gctcgac

17

<210> 118

<211> 17

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 118

cggcgttcag caagctc

17

<210> 119

<211> 20

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

<400> 119

cagaccttgc aggccgactc

20

<210> 120

<211> 95

<212> DNA

<213> M. tuberculosis

<400> 120

gagctcgtat ggcaccggaa ccggttaagga cgcgatcacc agcggcatcg aggtcgtatg 60

gacgaacacc ccgacgaaat gggacaacag tttcc

95

<210> 121

<211> 29

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetic

25

<400> 121
gtggtgatcg gtaaggacga gatcaccac

29

<210> 122
<211> 29
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 122
ttggtgatcg gtaaggacga gatcaccaa

29

<210> 123
<211> 29
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 123
atggtgatcg gtaaggacga gatcaccat

29

<210> 124
<211> 29
<212> DNA
<213> Artificial sequence

<220>
<223> Synthetic

<400> 124
ctggtgatcg gtaaggacga gatcaccag

29